

ABSTRACT OF THE DISCLOSURE

A temperature indicator includes at least one reactive substance and at least one dye substance. The at least one reactive substance has a threshold temperature and the at least one dye substance has at least one characteristic peak in its absorption or emission spectrum. When an excess temperature is reached in the tyre, the at least one reactive substance is heated above the threshold temperature and reacts with the at least one dye substance so as to modify the at least one characteristic peak. A related pneumatic tyre includes at least one such temperature indicator.